

## SEQUENCE LISTING

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Institut Pasteur de Lille  
Centre National de la Recherche Scientifique-CNRS

<120> Detection and Monitoring of HIV Viral  
Infections

<130> 33339/235735

<140> 09/868,399

<141> - -

<150> FR98/16727

<151> 1998-12-31

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 36

<212> PRT

<213> Human Immunodeficiency Virus

<400> 1

Lys	Ile	Gln	Asn	Phe	Arg	Val	Tyr	Tyr	Arg	Asp	Ser	Arg	Asp	Pro	Leu
1				5				10					15		
Trp	Lys	Gly	Pro	Ala	Lys	Leu	Leu	Trp	Lys	Gly	Glu	Gly	Ala	Val	Val
			20					25					30		
Ile	Gln	Asp	Asn												
			35												

<210> 2

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<212> PRT

<213> Artificial Sequence

<220>

<223> Mixotope called MIXO (HIV-POL)

<221> VARIANT

<222> 1, 6, 10, 13, 18, 22, 26

<223> Xaa= Lys or Arg

<221> VARIANT

<222> 2, 7, 31, 32, 33

<223> Xaa= Ile or Val

<221> VARIANT

<222> 3, 4, 34, 36

<223> Xaa= Gln or Asn

<221> VARIANT  
 <222> 11, 14, 28, 35  
 <223> Xaa= Asp or Glu

<221> VARIANT  
 <222> 8, 9  
 <223> Xaa= Tyr or Phe

<221> VARIANT  
 <222> (5)...(5)  
 <223> Xaa= Phe or Leu

<221> VARIANT  
 <222> (12)...(12)  
 <223> Xaa= Ser or His

<221> VARIANT  
 <222> (15)...(15)  
 <223> Xaa= Pro or Gln

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 <222> (16)...(16)  
 <223> Xaa= Leu or Ile

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 <223> Xaa= Leu or Ile

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 <223> Xaa= Trp or Phe

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 1 5 10 15  
 Xaa Xaa Gly Pro Xaa Xaa Xaa Xaa Xaa Gly Xaa Gly Xaa Xaa Xaa  
 20 25 30  
 Xaa Xaa Xaa Xaa  
 35